**Bostik’s BEST**

**A SOLVENT FREE ACRYLIC ADHESIVE**

Date: 23 October 2019

**YOUR SMART ADVANTAGES**

- Multi-functional adhesive
- Wide open time range
- Suitable for most resilient flooring applications

**USES**

Bostik’s BEST is a resin modified solvent free acrylic adhesive that offers a long open time. Bostik’s BEST is recommended for use with both homogenous and heterogeneous PVC sheet and tile floor coverings, LVT (design flooring), linoleum, rubber (max 4mm), thermal acoustic underlays and most textile floorcoverings.

Bostik’s BEST unique formulation offers extremely strong wet bonding whilst also giving a long open time, offering pressure sensitive characteristics. Double drop and contact bonding applications can be carried out for application onto dense surfaces or for coving requirements.

For PVC backed carpets use Bostik Laybond HT adhesive and for fibre bonded carpets use Bostik Laybond Carpet adhesive.

**PRODUCT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Off white</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Spreadable paste</td>
</tr>
<tr>
<td>Composition</td>
<td>Acrylic polymer and resins</td>
</tr>
<tr>
<td>Type of Solvent</td>
<td>Dispersion</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.15g/cm³</td>
</tr>
<tr>
<td>Product Code</td>
<td>30820672 6kg</td>
</tr>
<tr>
<td></td>
<td>30605341 13kg</td>
</tr>
<tr>
<td>Storage/Shelf Life</td>
<td>Store for up to 12 months from date of manufacture when stored in original, unopened packaging within the temperature range of 5°C to 40°C and out of direct sunlight. Protect from frost.</td>
</tr>
</tbody>
</table>

**TYPICAL PERFORMANCE DATA (approx.)**

<table>
<thead>
<tr>
<th>Coverage</th>
<th>Subject to application and notched trowel selection. Notched trowel size/coverage rate: A2/280g per m² 1.5mm x 5mm/295g per m² A1/240 g per m² B1/300g per m² 2mm x 6mm/380g per m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Temperature</td>
<td>10°C to 25°C (always follow the floor covering manufacturer’s advice)</td>
</tr>
<tr>
<td>Service Temperature</td>
<td>Up to 40°C</td>
</tr>
</tbody>
</table>
**DIRECTIONS FOR USE**

IMPORTANT: Before using Bostik’s BEST refer to the relevant Health and Safety Data Sheet, available at www.bostik.com/uk.

All phases of installation should comply with the latest editions of:
- BS 8102 Code of Practice for protection of building against water from the ground.
- BS 5325 Code of Practice for the installation of textile floor coverings.
- BS 8203 Code of Practice for the installation of resilient floor coverings.

**PREPARATION**

**Subfloor:**

1. Ensure the subfloor is clean, sound, dry and free from contaminants that may hinder adhesion.
2. The subfloor should be tested in accordance with British Standards using a properly calibrated and insulated hygrometer.
3. A reading of 75% RH or less confirms that the subfloor is satisfactorily dry. Where this has not been attained it is necessary to apply a Bostik Screedmaster surface membrane to suppress residual moisture. For further information, contact Technical Services.

**Smoothing Compounds:**

4. Mechanically remove any surface treatments on concrete bases.
5. Where necessary, apply a suitable Bostik Screedmaster smoothing compound.
6. Repair any deep indentations in the subfloor with Bostik Screedmaster Rapid Repair Mortar and apply a suitable Bostik Screedmaster smoothing compound at a minimum thickness of 3mm.

**Existing Floor Coverings:**

7. Suitable for use over existing PVC and Linoleum. Ensure all traces of polish and contaminants have been removed.

**PRIMING**

8. Surfaces should be thoroughly cleaned and vacuumed. Prime boards and other porous surfaces with diluted Bostik Screedmaster Universal Primer (dilute 2 parts water to 1 part Bostik Screedmaster Universal Primer) and allow to dry. This is particularly important with hardboard, chipboard and plywood. Ensure that the floor covering manufacturer recommends the floor covering for use with the particular substrate.

**APPLICATION**

9. Due to its unique multi-functionality the application method to achieve best performance will depend on the floor covering being installed and bond strength required. All timings are approximate and are based on good ambient conditions required by the codes of practice BS8203 and 5325 for the installation of the floor coverings.

10. See ‘Application Recommendations’ table for information on floor covering type, trowel size and sticking method.

11. **Wet Stick:** Allow a minimum 10-minute open time. Ensure the adhesive is still offering wet transfer (use the finger test) before laying flooring. A longer open time may be preferred for tile applications to minimise slippage.

12. **Semi Wet Stick:** Allow adhesive a nominal 45 minute open time until the adhesive attains a tacky surface but still has slight transfer. For some thin vinyl sheet and translucent vinyl, it is advisable to roll out and flatten the notches using a lambswool roller prewetted with adhesive. This can help to minimise potential trowel line shadow through the vinyl.

13. **Double Drop:** For use on non-absorbent surfaces. To accelerate drying and bond formation, the floor covering should be rolled into adhesive as per wet stick. Peel floor covering back ensuring wet transfer to both surfaces has taken place. Leave to “air” until the adhesive on both the substrate and floor covering has lost their wet transfer (typically 20 to 60 minutes) and then carefully roll floor covering back in place ensuring no air entrapment occurs.

14. **Contact adhesive:** Apply adhesive to both substrate and floor covering using a fine notched trowel or roller. Allow to fully dry (60 to 120 minutes). Using a warm air gun, warm the adhesive and floor covering, carefully apply pressure, install the floorcovering.

**APPLICATION RECOMMENDATIONS**

<table>
<thead>
<tr>
<th>FLOOR COVERING</th>
<th>TROWEL SIZE</th>
<th>STICKING METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homogenous PVC sheet &amp; tile</td>
<td>A2 or 1.5 x 5mm</td>
<td>Wet</td>
</tr>
<tr>
<td>Heterogeneous PVC Sheet &amp; tile</td>
<td>A2 or 1.5 x 5mm</td>
<td>Wet or semi</td>
</tr>
<tr>
<td>LVT</td>
<td>A2 or 1.5 x 5mm</td>
<td>Wet</td>
</tr>
<tr>
<td>Vertical &amp; coving</td>
<td>A2 or 1.5 x 5mm</td>
<td>Contact</td>
</tr>
<tr>
<td>Vinyl onto vinyl or onto acoustic flooring</td>
<td>A2 or 1.5 x 5mm</td>
<td>Double drop</td>
</tr>
<tr>
<td>Linoleum (max. 3.5mm thick)</td>
<td>B1 or 2 x 6mm</td>
<td>Wet</td>
</tr>
<tr>
<td>Rubber** (max 4mm thick)</td>
<td>Subject to backing</td>
<td>Wet</td>
</tr>
<tr>
<td>Foam &amp; gel backed carpets</td>
<td>A2 or 1.5 x 5mm</td>
<td>Wet or semi</td>
</tr>
<tr>
<td>Fibre bonded carpets ***</td>
<td>B1 or 2 x 6mm</td>
<td>Wet</td>
</tr>
<tr>
<td>Woven carpets</td>
<td>B1 or 2 x 6mm</td>
<td>Wet or Semi</td>
</tr>
<tr>
<td>Acoustic flooring</td>
<td>A2 or 1.5 x 5mm</td>
<td>Wet or Semi</td>
</tr>
<tr>
<td>LVT &amp; vinyl tiles onto acoustic underlay</td>
<td>A2 or 1.5 x 5mm</td>
<td>Semi</td>
</tr>
</tbody>
</table>

**Important site conditions at minimum 18˚C**

**Re-rolling after nominally 30 minutes will be required with particularly “boardy” fibre bonded carpets**

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APPLICATION PROCESS

15. Select appropriate trowel size and application method for the floor covering and apply the adhesive to the subfloor, holding the trowel at an angle of 60°. Leave the adhesive for the appropriate open time.

16. Bond the floor covering by applying pressure with a suitable roller. For resilient sheet flooring this will normally a 68KG steel roller and for textile floor coverings a glyda should be used. For floor coverings with excessive memory and/or curl it may be necessary to re-roll after approximately 60 minutes.

17. Foot traffic can be allowed as soon as the adhesive has dried sufficiently. This is typically 24 hours for wet stick methods and 6 hours for other methods. For welding of vinyl flooring we advise a minimum waiting time of 24 hours after application to ensure a strong bond is attained. Allow bond strength to further develop before applying any heavy point loads, such as laboratory equipment, furniture, hospital beds etc.

CLEANING

18. Clean tools and equipment immediately after use with warm water. Do not allow to dry. Remove any adhesive from the surface of the floor covering with a damp cloth.

PRECAUTIONS IN USE

For any application not covered please contact Technical Services on +44 (0) 1785 272625 or visit www.bostik.com/UK for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik’s BEST, available at www.bostik.com/uk.
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